

Converting Colors

$Yxy(49.5843, 0.3283, 0.3468)$

Have a look what the booklet for
Yxy(49.5843, 0.3283, 0.3468)
contains.

Yxy(49.7642, 0.3279, 0.3468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.7642, 0.3279, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	C0BBAD
RGB	192, 187, 173
RGB Percent	75%, 73%, 68%
CMY	0.2471, 0.2666, 0.3214
CMYK	0.00, 0.03, 0.10, 0.25
HSL	44°, 13%, 72%
HSV	44°, 10%, 75%
XYZ	47.0521, 49.7642, 46.6790
YIQ	186.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

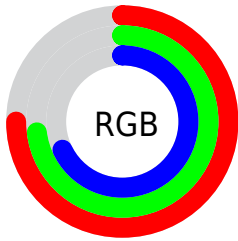
Format	Color
RYB	180, 192, 173
Decimal	12630957
CIELab	75.92, -0.69, 7.68
CIELCh	76, 7.716, 95.143
Yxy	49.7642, 0.3279, 0.3468
Android (android.graphics.Color)	4290821037 (0xFFC0BBAD)
YUV	186.8990, -6.8522, 4.4736
Hunter-Lab	70.5437, -4.3934, 10.1482

Details

The Yxy color $49.7642, 0.3279, 0.3468$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.5438, 0.2976, 0.3105$, and the grayscale version is $49.6719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6591, 0.3252, 0.3440$, and $23.8339, 0.3312, 0.3515$ is the 20% darker color. If you saturate the color by 10%, you get $46.9701, 0.3446, 0.3656$, and if you desaturate by 10%, it is $52.7449, 0.3125, 0.3288$.

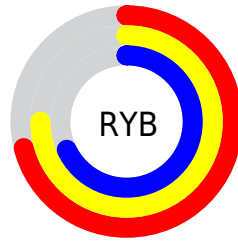
Distribution



Red (75%)

Green (73%)

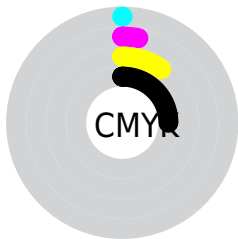
Blue (68%)



Red (71%)

Yellow (75%)

Blue (68%)

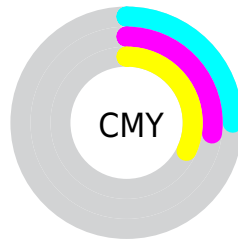


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7642, 0.3279, 0.3468 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 49.7642, 0.3279, 0.3468 by changing the saturation by 10% instead.

■ 49.7642, 0.3279,
0.3468

■ 49.7642, 0.3279,
0.3468

385.7431, 0.3204,
0.3380

■ 35.2261, 0.3297,
0.3490

■ 89.8254, 0.3252,
0.3436

■ 23.8371, 0.3321,
0.3518

116.1173, 0.3242,
0.3424

■ 15.2128, 0.3352,
0.3554

147.0959, 0.3233,
0.3414

■ 8.9689, 0.3395,
0.3606

183.1455, 0.3226,
0.3405

■ 4.7209, 0.3459,
0.3681

224.6507, 0.3219,
0.3398

■ 2.0844, 0.3560,
0.3803

271.9957, 0.3213,

■ 0.6559, 0.4214,

0.3391

0.4557

325.5651, 0.3208,
0.3385

0.0000, 0.0000,
0.0000

49.7642, 0.3279,
0.3468

49.7642, 0.3279,
0.3468

46.9701, 0.3446,
0.3656

52.7449, 0.3125,
0.3288

44.3507, 0.3625,
0.3847

55.9105, 0.2985,
0.3118

41.9025, 0.3812,
0.4035

59.2682, 0.2859,
0.2959

39.6196, 0.4002,
0.4213

62.8224, 0.2746,
0.2813

37.4953, 0.4189,
0.4369

65.6404, 0.2721,
0.2818

■ 35.5225, 0.4365,
0.4494

■ 68.2091, 0.2726,
0.2875

■ 33.6931, 0.4520,
0.4578

■ 70.8575, 0.2731,
0.2932

■ 31.9976, 0.4648,
0.4615

■ 73.5864, 0.2736,
0.2989

■ 30.4186, 0.4750,
0.4610

■ 76.3964, 0.2741,
0.3045

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.7642, 0.3330, 0.3419



49.7642, 0.3279, 0.3468



49.7642, 0.3187, 0.3469

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.7642, 0.3279, 0.3468



49.7642, 0.2933, 0.3238



49.7642, 0.3171, 0.3166

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.7642, 0.3279, 0.3468



44.5438, 0.2976, 0.3105

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.7642, 0.3065, 0.3118



49.7642, 0.3279, 0.3468



49.7642, 0.2928, 0.3158

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.7642, 0.3279, 0.3468



49.7642, 0.2988, 0.3334



49.7642, 0.2976, 0.3115



49.7642, 0.3267, 0.3245

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.7642, 0.3279, 0.3468



49.7642, 0.3116, 0.3441



49.7642, 0.2976, 0.3115



49.7642, 0.3135, 0.3146

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.7664, 0.3279, 0.3468



93.8311, 0.3173, 0.3344



44.3248, 0.3255, 0.3225



20.0352, 0.3185, 0.3359



97.7402, 0.3127, 0.3290



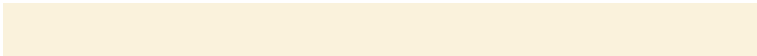
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.7664, 0.3279, 0.3468



88.9793, 0.3317, 0.3511



51.3501, 0.3235, 0.3533



11.2954, 0.3271, 0.3459



20.5899, 0.4742, 0.4616



0.9969, 0.4594, 0.4734

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.5438, 0.2976, 0.3105



77.4748, 0.2938, 0.3059



43.1081, 0.3013, 0.3041



10.1693, 0.2984, 0.3115



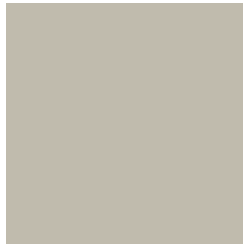
4.2353, 0.1592, 0.0931



0.2999, 0.1719, 0.1389

Previews

White Background



This preview shows how the Yxy color 49.7642, 0.3279, 0.3468 looks on a white background.

Color Contrast Check

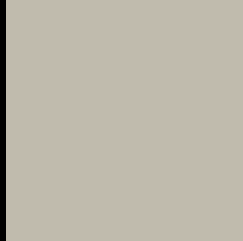
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 49.7642, 0.3279, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

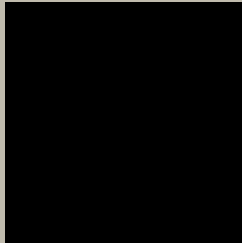
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

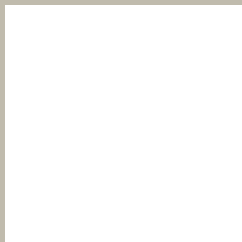
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7642, 0.3279, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 49.7642, 0.3279, 0.3468.



This preview shows how white text looks on a background with the Yxy color 49.7642, 0.3279, 0.3468.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.7642, 0.3279, 0.3468

Protanopia

49.6043, 0.3298, 0.3455

Deuteranopia

49.8054, 0.3439, 0.3376



Tritanopia

49.6800, 0.3119, 0.3106

Trichromacy



Original Color

49.7642, 0.3279, 0.3468

Protanomaly

49.4724, 0.3289, 0.3456

Deuteranomaly

49.6195, 0.3373, 0.3402

Tritanomaly

49.5572, 0.3181, 0.3228

Monochromacy



Original Color

49.7642, 0.3279, 0.3468

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7369, 0.3183, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7642, 0.3279, 0.3468 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.7642, 0.3279, 0.3468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 187, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 187, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7642, 0.3279, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
187, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor